

Claims

- [c1] A Braille pin, comprising: a first part having a transverse cross-section of any predetermined geometrical configuration; a second part having a transverse cross-section of any predetermined geometrical configuration; said second part having a breadth greater than a breadth of said first part; a first shoulder formed at a juncture of said first part and said second part; a bore that slideably receives said Braille pin; said bore having a first section for slideably receiving said first part of said Braille pin with a first clearance; said bore having a second section for slideably receiving the second part of said Braille pin with a second clearance and a transverse cross-section substantially different from said second part; said first clearance being greater than said second clearance; said second section having sidewalls that define a bearing surface for said second part of said Braille pin; and an overhang formed at a juncture of said first and second sections; whereby said overhang limits travel of said Braille pin when said first shoulder abuts said overhang.
- [c2] The Braille pin of claim 1, further comprising: said Braille pin having a third part having a transverse cross-section of any predetermined geometrical configuration; a second shoulder formed at a juncture of said second part and said third part; said bore having a third section having a third diameter, less than said second diameter, for slideably receiving said third part of said Braille pin; a step formed at a juncture of said second and third sections of said bore; whereby said step limits travel of said Braille pin when said second shoulder abuts said step.
- [c3] The Braille pin of claim 2, further comprising: at least one of said predetermined geometrical configurations of said transverse cross-

sections of said first part, second part, or third part being a non-circular transverse cross-section.

[c4] The Braille pin of claim 1, further comprising: said transverse cross-section of said second part of said pin being circular with a plurality of fins projecting radially outwardly therefrom; each of said fins having a distal free end that slidingly engages said bearing surface.

[c5] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a square cross-section.

[c6] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a fluted cross-section.

[c7] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a triangular cross-section.

[c8] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a pentagonal cross-section.

[c9] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being an oval cross-section.

[c10] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being an elliptical cross-section.

- [c11] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a cruciform cross-section.
- [c12] The Braille pin of claim 2, further comprising: at least one of said transverse cross-sections of said first part, second part, or third part being a star-shaped cross-section.
- [c13] The Braille pin of claim 2, further comprising: at least one of said first, second, or third parts having a hollow construction.
- [c14] The Braille pin of claim 2, further comprising: at least one of said first, second, or third parts having a solid construction.
- [c15] A plurality of Braille pins, comprising: a base; a straight neck extending from said base; said plurality of Braille pins including a first plurality of Braille pins releasably secured to a first side of said neck; whereby said plurality of Braille pins is collectively adapted to be inserted into a Braille cell, thereby eliminating a need to individually insert Braille pins of said plurality of Braille pins into said Braille cell.
- [c16] The Braille pin of claim 1, further comprising: said second part of said pin having a circular transverse cross-section; said second section of said bore having a non-circular transverse cross-section.
- [c17] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a square cross-section.
- [c18] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a fluted cross-section.

- [c19] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a triangular cross-section.
- [c20] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a pentagonal cross-section.
- [c21] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being an oval cross-section.
- [c22] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being an elliptical cross-section.
- [c23] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a cruciform cross-section.
- [c24] The Braille pin of claim 16, further comprising: said non-circular transverse cross-section of said second section being a star-shaped cross-section.